

Title (en)

Electrophotographic photosensitive material.

Title (de)

Elektrofotografisches lichtempfindliches Material.

Title (fr)

Matériau électrophotographique photosensible.

Publication

EP 0096989 A2 19831228 (EN)

Application

EP 83303012 A 19830525

Priority

- JP 8812282 A 19820526
- JP 9297682 A 19820602

Abstract (en)

An electrophotographic photosensitive material is provided, which has a photosensitive layer formed on an electroconductive substrate and containing a polymeric binder and an organic photoconductor. The organic photoconductor is expressed by the formula: In the formula $R^{1/}$ and $R^{2/}$ may form a pyrazolone ring together with $>C=N-N<$, and, if they do not, then $R^{2/}$ and $R^{3/}$ may form part of a carbocyclic or heterocyclic ring structure with the carbon atom to which they are attached. X may be one of a number of groups containing the radical where $R^{1/}$ and $R^{2/}$ form a pyrazolone ring, also in the above meanings of X, A is oxygen or sulfur and m is 0 or 1.

IPC 1-7

G03G 5/06; **G03G 5/04**; **G03G 5/05**; **G03G 5/09**

IPC 8 full level

G03G 5/06 (2006.01)

CPC (source: EP US)

G03G 5/0618 (2013.01 - EP US); **G03G 5/062** (2013.01 - EP US); **G03G 5/0629** (2013.01 - EP US); **G03G 5/0631** (2013.01 - EP US); **G03G 5/0637** (2013.01 - EP US); **G03G 5/0661** (2013.01 - EP US); **G03G 5/067** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0096989 A2 19831228; **EP 0096989 A3 19841114**; US 4463077 A 19840731

DOCDB simple family (application)

EP 83303012 A 19830525; US 49785283 A 19830525